

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A method for displaying ~~images~~ a hierarchical list with on a graphical user interface, the method comprising:
displaying along a first direction a first list of items at a first display area ~~horizontally~~ on a display, at least one of the items of the first list having one or more sub-items associated therewith but not displayed;
upon selection by a user of one of the items from ~~on~~ the first list, replacing the first list of items by horizontally displaying at the first display area and along the first direction a second list of items comprising one or more of the sub-items associated with the selected item ~~a second list of items, the second list of items being associated with the selected item~~ from the first list of items; and
~~vertically displaying the selected item at a second display area along a second direction different from the first direction~~ an indication of the selected item from the first list of items in a separate area from the second list of items.
2. (Currently Amended) The method of claim 1, wherein the ~~indication of the item~~ selected ~~item~~ from the first list of ~~items~~ is displayed substantially perpendicular to the one or more sub-items associated therewith, ~~items in the second list of items.~~
3. (Cancelled)
4. (Currently Amended) The method of claim 1, further comprising, upon selection by the user of one of the items in the second list, displaying a third list of items at the first display area by replacing in place of the second list of items, the third list of items corresponding to one or more sub-items associated with the item selected ~~item~~ from the second list of items.

5. (Currently Amended) The method of claim 4, further comprising vertically displaying at the second display area the item selected ~~item~~ from the second list of items, ~~adjacent the third list of items.~~
6. (Currently Amended) The method of claim 5, further comprising vertically displaying ~~the indication of the~~ item selected ~~item~~ from the first list of items adjacent to the item selected ~~item~~ from the second list of items.
7. (Currently Amended) The method of claim 6, wherein the item selected ~~item~~ from the second list of items is displayed between the third list of items and the item selected from the first ~~second~~ list of items.
8. (Currently Amended) The method of claim 4, further comprising, upon selection of an item from the third list of items, displaying at the first display area a fourth list of items in place of the third list of items, the fourth list of items corresponding to one or more sub-items associated with the item selected from third list of items.
9. (Currently Amended) The method of claim 8, further comprising vertically displaying the item selected ~~item~~ from the third list of items adjacent to the fourth list of items.
10. (Currently Amended) The method of claim 9, further comprising vertically displaying the item selected ~~item~~ from the ~~second~~ third list of items adjacent to the item selected ~~item~~ from the ~~third~~ second list of items.
11. (Currently Amended) The method of claim 10, wherein the item selected ~~item~~ from the third list of items is displayed between the fourth list of items and the item selected ~~item~~ from the second list of items.
12. (Cancelled).

13. (Cancelled).

14. (Currently Amended) The method of claim ~~[[13]]~~10, further comprising, upon user selection of one of the vertically displayed selected items in the second display area, from the first list or the second list, redisplaying a at the first display area the corresponding one of the first list or the second list, list of sub-items associated with the vertically displayed selected item.

15. (Currently Amended) The method of claim 8, further comprising, upon selection of an item from the fourth list of items, displaying at the first display area a fifth list of items in place of by replacing the fourth list of items, the fifth list of items corresponding to one or more sub-items associated with the item selected from the fourth list of items.

16. (Currently Amended) The method of claim 15, further comprising facilitating the selection allowing the user to select any of any the indication of the previously selected items displayed in the second display area. from the first list of items, the selected item from the second list of items, the selected item from the third list of items, or the selected item from the fourth list of items.

17. (Currently Amended) The method of claim 15, further comprising: vertically displaying a maximum of three previously selected items in the second display area, such that upon selection of the fourth item, the selected item from the fourth list of items adjacent the fifth list of items and in place of the selected item from the third list of items; vertically displaying the selected item from the third list of items adjacent the selected item from the fourth list of items; vertically displaying the selected item from the second list of items adjacent the selected item from the third list of items; and placing the indication of the first selected item is placed from the first list of items in a non-visible portion of the display adjacent to the second selected item from the second list of items.

18. (Currently Amended) The method of claim 17, further facilitating the traversal of the a screen indicator display wherein the user can traverse a screen indicator to any of the vertically displayed previously selected first, second, third, or fourth items from the second, third and fourth lists of items and, including the indication of the first selected item displayed in the non-visible portion of the display. ~~from the first list of items.~~

19. (Currently Amended) The method of claim 18, further comprising, upon user traversal of the screen indicator to the first selected item from the first list of items, moving the ~~indication of the first selected item from the first list of items~~ from the non-visible portion to be in place of the second selected item from the second list of items, moving the second selected item from the second list of items to be in place of the third selected item from the third list of items, moving the selected item from the third list of items to be in place of the fourth selected item from the fourth list of items, and moving the fourth selected item from the fourth list of items to a further non-visible portion of the display.

20. (Currently Amended) An electronic device having a graphical user interface, the device comprising:

a screen for displaying the graphical user interface;

means for allowing a user to make selections on the graphical user interface; and

image generation means ~~for causing~~ configured to:

cause the display of a first list of items horizontally along a first direction on the screen at a first display area[[],];

upon selection by the user of one of the items in the first list, replace the first list of items with causing horizontal display of a second list of items at the first display area, the second list of items comprising one or more sub-items being associated with the selected item from the first list of items; and

cause causing an indication of the selected item from the first list of items to be vertically displayed along a second direction different from the first direction at a second display area. in a separate area from the second list of items.

21. (Currently Amended) The electronic device of claim 20, wherein the image generation means is further configured to display indication of the item selected item from the first list of items ~~is displayed~~ substantially perpendicular to ~~items in~~ the second list of items.

22. (Cancelled)

23. (Currently Amended) The electronic device of claim 20, wherein the image generation means is further configured to display, upon selection by the user of one of the items in the second list, the image generation means causes display of a third list of items in place of ~~by replacing~~ the second list of items, the third list of items corresponding to sub-items associated with the item ~~the selected item~~ from the second list of items.

24. (Currently Amended) The electronic device of claim 23, wherein the image generation means is further configured to vertically display ~~causes the item selected item~~ from the second list of items ~~to be vertically displayed~~ adjacent the third list of items.

25. (Currently Amended) The electronic device of claim 24, wherein the image generation means is further configured to vertically display ~~causes the indication of the selected item from the first list of items to be vertically displayed~~ adjacent the item ~~selected item~~ from the second list of items.

26. (Currently Amended) The electronic device of claim 25, wherein the image generation means is further configured to display the item selected item from the second list of items ~~is displayed~~ between the third list of items and the item selected from the second list of items.

27. (Currently Amended) The electronic device of claim 23, wherein the image generation means is further configured to display at the first display area, upon selection by the user of an item from the third list of items, the image generation means causes display of a fourth list of items in place of ~~by replacing~~ the third list of items, the fourth

list of items corresponding to one or more sub-items associated with the item selected from third list of items.

28. (Currently Amended) The electronic device of claim 27, wherein the image generation means is further configured to vertically display ~~causes the item selected item~~ from the third list of items ~~to be vertically displayed~~ adjacent to the fourth list of items.

29. (Currently Amended) The electronic device of claim 28, wherein the image generation means is further configured to vertically display ~~causes the item selected item~~ from the ~~second~~ third list of items ~~to be vertically displayed~~ adjacent the item selected ~~item~~ from the ~~third~~ second list of items.

30. (Currently Amended) The electronic device of claim 29, wherein the item selected ~~item~~ from the third list of items is displayed between the fourth list of items and the item selected ~~item~~ from the second list of items.

31. (Cancelled)

32. (Cancelled)

33. (Currently Amended) The electronic device of claim ~~[[32]]~~29, wherein the image generation means is further configured to, upon user selection of one of the vertically displayed, selected items ~~from the first list or the second list, the image generation means~~ causes redisplay at the first display area the list of sub-items associated with the vertically displayed selected item. ~~of a corresponding one of the first list or the second list.~~

34. (Currently Amended) The electronic device of claim 27, wherein the image generation means is further configured to, upon selection by the user of an item from the fourth list of items, ~~the image generation means causes display of a fifth list of items in place of~~ by replacing the fourth list of items, the fifth list of items corresponding to one or more sub-items associated with the item selected from the fourth list of items.

35. (Currently Amended) The electronic device of claim 34, wherein the image generation means is further configured to facilitate selection of~~upon the user selecting~~ any of the ~~indication of the~~ previously selected items displayed in the second display area, ~~from the first list of items, the selected item from the second list of items, the selected item from the third list of items, or the selected item from the fourth list of items,~~ the image generation means causes a corresponding one of the first list, the second list, the third list and the fourth list to be redisplayed.

36. (Currently Amended) The electronic device of claim 34, wherein the image generation means is further configured to display a maximum of three previously selected items in the second display area, and whereupon selection of a fourth item causes the ~~selected item from the fourth list of items, to be vertically displayed adjacent the fifth list of items and in place of the selected item from the third list of items, causes the selected item from the third list of items to be vertically displayed adjacent the selected item from the fourth list of items, causes the selected item from the second list of items to be vertically displayed adjacent the selected item from the third list of items, and causes placement of the indication of the~~ the item selected item from the first list of items is moved to in a non-visible portion of the graphical user interface adjacent to the item ~~selected item from the second list of items.~~

37. (Currently Amended) The electronic device of claim 36, wherein the image generation means is further configured to facilitate traversal of~~user can traverse a screen indicator to~~ any of the vertically displayed previously selected items, including from the second, third and fourth lists of items and the indication of the first selected item displayed in the non-visible portion of the graphical user interface~~from the first list of items.~~

38. (Currently Amended) The electronic device of claim 37, wherein the image generation means is further configured to cause, upon user traversal of the screen indicator to the indication of the item selected item from the first list of items,~~the image~~

~~generation means causes~~

the indication of the selected item from the first list of items to be moved from the non-visible portion of the graphical user interface to be in place of the selected item from the second list of items~~[[,]]; causes~~

the selected item from the second list of items to be moved in place of the selected item from the third list of items~~[[,]]; causes~~

the selected item from the third list of items to be moved in place of the selected item from the fourth list of items~~[[,]]; and causes~~

the selected item from the fourth list of items to be moved to a further non-visible portion of the graphical user interface.

39. (Original) The electronic device of claim 20, wherein the electronic device is one of a personal data assistant, a watch, a computer, a television, a home security system, a direct broadcast television system, a personal video recorder, or a cable television system.

Claims 40 – 51. (Cancelled)

52. (Currently Amended) A machine-readable medium having stored thereon a plurality of executable instructions, the plurality of instructions comprising instructions to:

display a first list of items at a first display area horizontally on a display;

upon selection by a user of one of the items in the first list, horizontally display a second list of items by replacing the first list of items at the first display area, the second list of items comprising one or more sub-items being associated therewith ~~with the selected item from the first list of items~~; and

vertically display at a second display area ~~an indication of the selected item.~~
~~selected item from the first list of items in a separate area from the second list of items.~~

Claims 53. – 74. (Cancelled)

75. (New) The method of claim 1, wherein the first direction is horizontal and the second direction is vertical.

76. (New) The electronic device of claim 20, wherein the first direction is horizontal and the second direction is vertical.